



PLACEMENT BROCHURE

2022 - 2023

GOVIND BALLABH PANT INSTITUTE OF
ENGINEERING & TECHNOLOGY



**Computer Science
& Engineering
Department**

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MESSAGE FROM THE HON. DIRECTOR'S DESK



Prof. Y Singh
Director

Right since its inception in 1989, G.B. Pant Institute of Engineering & Technology (formerly G.B Pant Engineering College) has been catering to the needs of the students who want to excel in the field of technology and make a career out of it. The college has been constantly and consistently trying its best to keep in pace with the ever changing demands of industry and making inspiring strides for the same. This prestigious college has already marked its presence as a leading research and teaching college in the country. Its strengths and standings are best evidenced by the high quality of the students admitted in various programs and well qualified faculty. It is with great pleasure that I invite and welcome all the esteemed organizations that are looking forward to recruit young, talented minds from our campus. I hope that you will find efficient, confident students who are well suited to your placement requirements.

Looking forward to a long lasting relationship with your organization.



MESSAGE FROM THE **HEAD OF DEPARTMENT**



**Prof . Harvendra Singh
Bhadauria**

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It gives me immense pleasure to lead the department of CSE. Our College is one of the premier institution , unique like a prism reflecting the manifold shades of learning and co-curricular activities.

The very motto of our department is to provide quality education. The process of learning is extremely important in life. What you learn, how you learn and where you learn play a crucial role in developing ones intellectual capability, besides career. Hence on behalf of our Computer Science and Engineering, I welcome you all to CSE Deptt, GBPIET. Along with academic knowledge CSE also trains its Engineers to face the challenges in life by providing many value added courses to enhance their career prospects. The excellent infrastructure, teaching faculty of the best kind ensuring quality education such as interaction among students, parents and staff, along with Training and Placement Cell ensures a bright future to its students. Thus, we are confident that our Engineers will emerge as assets not only to this institution and to the organization they belong, but also to the country at large.

I Congratulate the team of faculty members and the students for their brilliant and original efforts. I wish all the Students and Faculty a great academic career.



MESSAGE FROM THE T&P OFFICER'S DESK

GBPIET is one of the premier colleges imparting technical education in the state of Uttarakhand & INDIA. The mission of GBPIET is to be at the forefront of technology producing global quality engineering professionals in the service of the nation and to excel in various aspects of technical education. With the support of highly qualified faculty members and excellent infrastructure we have been playing our role to add the intellectuality and professionalism for the development of the country. The College is committed to equity and promoting talent without any prejudice. The Training and Placement office cordially invites and welcomes all the esteemed companies that are eager to recruit from our college. The training and placement cell ensures that the entire recruitment process is smooth and comfortable both for the organization and our students. We have all the necessary arrangements to support every domain of the recruitment process. We are confident that you will find apt arrangements meeting your requirements and hope that this placement process will lay down the foundation for a long relationship.

We ensure our students will be asset to your esteemed organization.



Prof. Manoj Kumar Panda

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ABOUT US

Govind Ballabh Pant Institute of Engineering & Technology, Pauri is an Institute with total commitment to quality and excellence in academic pursuits. The College was established in 1989, as an autonomous body, with a view to fulfil the ever-growing demand for well-trained professionals. It is one of the premier colleges imparting technical education in the state of Uttarakhand.

The Institute is a fully residential leading institution of the State, offering degree courses in highly sought-after disciplines of Computer Science & Engineering, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering, Production Engineering, Civil Engineering and Biotechnology. The College also offers Masters degree course and Ph.D program in all the disciplines. The Institute has a very progressive policy towards extending all possible facilities to its faculty members to acquire higher degrees and receive advanced training. As a result, majority of the faculty members possess Ph.D. degrees. The entire campus is networked with 20 Mbps lease lines

MISSION

To produce quality manpower equipped with such human and social values.

To provide best facilities infrastructure and conducive environment to the students researchers, staff and faculty members for high quality education and research across all the disciplines.

Integrating excellent technical skills leadership, creativity and innovation for the benefit of mankind.

Promote quality research and education across all discipline in the respective emerging areas for sustainable development of nations, state and society.

VISION

To pivot for excellence in technical education and producing globally competent professionals by building the strong teaching-learning and research environment.





ACADEMIC LIFE

GBPIET has always stood for best in education and pedagogy. We design our course to promote deep understanding and learning of concepts and course curriculum is constantly evolving, keeping in sync with global research. The following are some of the key components of curriculum at our campus. Each academic year is divided into two semesters, with the following outline:

S.No.	Title of Programmes	Year of Starting	Annual intake(JEE-main seats)	Total Strength
1.	B.Tech.(Computer Science & Engineering)	1992	60	255
2.	B.Tech.(Electronics & Communication Engineering)	1991	60	252
3.	B.Tech.(Electrical Engineering)	1997	60	229
4.	B.Tech.(Mechanical Engineering)	1997	60	255
5.	B.Tech.(Civil Engineering)	2005	60	255
6.	B.Tech.(Production Engineering)	2005	15	44
7.	B.Tech.(Biotechnology)	2010	60	255

Post Graduation

M.Tech in Computer Science
 M.Tech in Production Engineering
 M.Tech in Digital Signal Processing
 M.Tech in Biotechnology
 M.Tech in Power System
 M.Tech in Infrastructure

Doctoral Programme

Computer Science and Engineering
 Computer Science and Application
 Electronics and communication
 Mechanical Engineering
 Biotechnology
 Electrical Engineering
 Civil Engineering



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

(SPECIALIZATION IN AI & ML)

The department of Computer Science and Engineering was established in the year 1992, has come out a long way on the frontier lines of software research and development. The department keeps itself in pace with the IT changes and regularly updates its laboratories with the latest computing facilities, licensed software and IT infrastructures to give exposure to the students to the state of the art technologies. The curriculum has been designed keeping in view industrial and research needs, as well as the rapid development in the IT industry. Induction of new courses from time to time enables the students to keep updated with recent technological developments. Computer Science & Engineering Department is actively involved in organizing workshops, seminars, conferences, training programmes for the benefit of students, faculty and other members of the society.

Labs

DATA STRUCTURE & ALGORITHMS LAB
IT WORKSHOP
ANALOG ELECTRONIC CIRCUITS LAB
DIGITAL ELECTRONICS LAB
COMPUTER ORGANIZATION &
ARCHITECTURE LAB
OPERATING SYSTEMS LAB
DESIGN & ANALYSIS OF ALGORITHMS LAB
DATABASE MANAGEMENT SYSTEMS LAB
OBJECT ORIENTED PROGRAMMING LAB
COMPLIER DESIGN LAB
COMPUTER NETWORKS LAB

Core

COMPUTER ORGANIZATION &
ARCHITECTURE
OPERATING SYSTEM
DESIGN ANALYSIS OF ALGORITHMS
DATABASE MANAGEMENT SYSTEM
OBJECT ORIENTED PROGRAMMING
FORMAL LANGUAGE AND
AUTOMATA THEORY
SIGNAL & SYSTEM
COMPILER DESIGN
COMPUTER NETWORKS
DISCRETE MATHEMATICS
DATA STRUCTURES

Elective

MACHINE LEARNING
AD-HOC AND SENSOR NETWORKS
CYBER LAW AND ETHICS
COMPUTATIONAL COMPLEXITY
DATA ANALYTICS
SOFT COMPUTING
CLOUD COMPUTING
MOBILE COMPUTING
DIGITAL SIGNAL PROCESSING
COMPUTATIONAL GEOMETRY
CRYPTOGRAPHY & NETWORK SECURITY
INTERNET-OF-THINGS
DIGITAL IMAGE PROCESSING
MULTI-AGENT INTELLIGENT
QUANTUM COMPUTING
ARTIFICIAL INTELLIGENCE
DISTRIBUTED SYSTEMS
REAL TIME SYSTEM
INFORMATION THEORY AND CODING
JAVA PROGRAMMING
EMBEDDED SYSTEMS
WEB TECHNOLOGY
VLSI SYSTEM DESIGN
DATA MINING
HUMAN COMPUTER INTERACTION



DEPARTMENT OF

COMPUTER SCIENCE & ENGINEERING

(SPECIALIZATION IN AI & ML)

Department Vision

- Build a strong research and teaching environment to produce skilled, innovative and socially responsible computer professionals.

Department Mission

- Provide quality undergraduate and graduate education in both theoretical and applied foundations of Computer Science and Engineering.
- To motivate the students for higher studies and to do research in the frontier areas of Computer Science and Engineering.
- To prepare our students to succeed and contribute towards our society.
- Train the students to effectively apply this education to solve real-world problems thus amplifying their potential for lifelong high-quality careers.
- To collaborate with many type of industries and government organisations.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO 1

Students will gain the ability to identify, formulate, and solve challenging IT problems.

PEO 2

Students will develop professional skills that will prepare for employment or higher studies in Computer Science & Engineering and related disciplines.

PEO 3

Students will be provided with educational facilities and foundations that prepare them for leadership roles along diverse career paths.

PEO 4

Students will be trained to become future entrepreneurs.

PEO 5

Students will develop an understanding of the social and human context in which their engineering contributions will be utilized.

PEO 6

Students will learn to communicate the ideas effectively in a team environment.

Departmental

Academic Highlights

- Total number of faculty members : **18**
- Total number of professors : **1**
- Total number of associate professors : **2**
- Total number of assistant professors : **15**
- Number of faculty members who have acquired PhD : **8**

- Area of specialization of faculty members:

- 1. Image processing**
- 2. Wireless Sensing Networks**
- 3. Machine Learning**
- 4. Network Security**
- 5. Cloud Computing**

Publications:

- Number of SCI (Science Citation Index) journal paper published: **72**
- Number of Scopus index journal paper: **77**
- Number of reputed conference proceedings paper published: **83**
- Number of patents published/granted: **5**

Accreditation Status:

- Department has been accredited by **NBA** two times for the mentioned period **2006-2009** and **2014-2016**.
- Department has already applied for **NBA** accreditation in the month of **July-2022**.

STUDENTS CO-CURRICULAR ACHIEVEMENTS

- **META-KUL:** Students of the department have initiated **META-KUL:** a NFT based project on **Solana** blockchain in our college to encourage the youth of GBPIET to learn about metaverse.
- **Smart India Hackathon (SIH 2020)** organized by AICTE, MHRD etc. Students of the department won online rounds and participated in **Software Grand Finals(Online)**.

App Idea: The idea was to create an all in one women security app which would allow nearby users to help any person in distress.

- **Microsoft Engage 2022:** Students of the department got selected in **MS Engage 2022** by Microsoft and grabbed internship opportunity at Tech Giant Microsoft.
- Student of the department has secured second position at **Technothon'22** organized by Galgotias College , Noida. (Team: **Care_Coders**).
- **Paid Internships:** Students of the department got paid internship opportunities at **Indian Institute of Technology (IIT) Roorkee** under **SPARK** Internship program.
- Students of the department got paid internship opportunities at **Flipkart** and various start-ups like **Kommunicate, Biconomy, etc.**
- **Vinci Innovative Society:** Students have organized workshops and various technical events in the fields of **Android & web application development, Robotics, 2D/3D modelling** and many more.
- **Pixel Cinematic Club:** Students of the department have participated in feature film-making as actors and assistant director under the supervision of **Third Button Studios-** a budding startup from our college.
- **Thomso:** Students have participated in annual cultural fest of **Indian Institute of Technology (IIT) Roorkee** in various activities like street shows, dance, open-mic etc.

STUDENTS ACADEMIC ACHIEVEMENTS

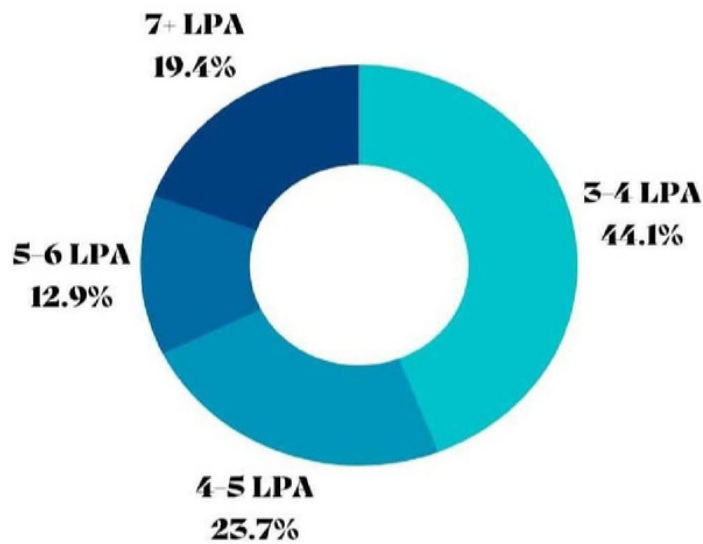
- Students of the department are able to grab **internships & offers** from major recruiters like **TCS, WIPRO, HCL, Appisero, Accenture, Infosys** and many other companies.
- **VRINDA GUPTA** student of the department of **batch 2022** grabbed **internship** at IT giant **Linkedin**.
- Many students of the department are working on IT based startups in Hyderabad.
- **SNEHA NEGI** of batch 2020 got **AIR 80 (GATE)**.
- **AYUSH BAHUGUNA** of batch 2020 got **AIR 246 (GATE)**.
- **ANSHUMAN DAS GUPTA** of batch 2021 got **AIR 637 (GATE)**.
- **ADITYA DHAULAKHANDI** of batch 2022 got **AIR 632 (GATE)**.
- Some Students have been selected in very reputed Institutes for Master's Program.

KARAN NEGI batch 2021 grabbed **IIIT Hyderabad**.

SIMRAN RAWAT, ANMOL BISHT & TUSHAR SHARMA
batch 2021 grabbed **IIIT BANGALORE**.

2022 PLACEMENT STATS:

WIPRO	24	BEL CRL	3	NEC	1
TCS NINJA	14	HCL	3	MIND TREE	1
XENON STACK	9	TCS	2	SMART BRAINS	1
INFOSYS	7	KELTON TECH.	2	UNTHINKABLE SOLUTIONS	1
GLOBAL LOGIC	7	LINKEDIN	1	SAKSOFT NOIDA	1
MTX	5	CARE ZEST	1	91 MOBILES	1
QSPIDER	4	DAFFODIL	1	MICROSOFT	1
TCS DIGITAL	4	JELLY FISH	1		



C T C D i s t r i b u t i o n

HIGHEST : 47 LPA
AVERAGE : 5.49 LPA
LOWEST : 2.9 LPA

PAST RECRUITERS

Infosys®

GlobalLogic®

IBM



TATA

CONSULTANCY SERVICES

Griféo

Capgemini

Tech
Mahindra



Cognizant



APIZERO
'We redefine niche.'

AIDASH



SmartBrains
Engineers & Technologist Pvt. Ltd.

accenture

Cynet

kommunicate

HCL

STYLE DOT ME

OUR ALUMNI



Devashish Mamgain
Kommunicate
Founder/ CEO
Batch: 2009



Pragya Gupta
SWE Microsoft
India
Batch: 2013



Renuka Melkani
Amazon Web Services
San Francisco
Batch 2013



Sanjay S Chauhan
Software Engineer
Microsoft
Batch:2016



Amitesh Pathak
Software Dev Engineer
Amazon
Batch : 2017



Abhiroj Panwar
Computer
Scientist Adobe
Batch : 2017



Akashdeep Singh
Software Engineer
Google
Batch:2018



Harshit Gupta
Software Engineer
Google
Batch : 2018



Shubham Lamichane
Software Engineer
Qualcomm
Batch : 2019



Rohit Negi
Software Engineer
Uber
Batch : 2020



Neelesh Bisht
Software Engineer
AiDash
Batch : 2021



Vrinda Gupta
Software Engineer
Microsoft
Batch:2022

CAMPUS LIFE

GBPIET is the fully residential institute providing accommodations to all the faculties and students, is endowed with great infrastructure and various active groups like E-cell, Robotics club, Abhivyakti, SAC, SEE, CCE, SAE, Aakar, coding clubs help students to explore their creativity.

GOONJ

The three days annual cultural festival have students competing in more than 50 cultural, literary, arts, music and dance events.



JOSH

The three days annual sports festival is organized consisting various indoor and outdoor games.

BAJA SAE

BAJA SAE is an intercollegiate design competition run by Society of Automotive Engineers. Every year our team TSR have achievements in lots of off road events.



SPANDAN

SPANDAN is an annual technical fest held in GBPIET in which students participate actively in various gaming and technical competition like Robosoccer, CSGO etc.



PLACEMENT TEAM

T & P OFFICER

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